

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT	(\$)	180.00
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Application Number	10/603,670-Conf. #3725
Filing Date	June 26, 2003
First Named Inventor	Kristy A. Campbell
Examiner Name	J. P. Mondt
Art Unit	2826
Attorney Docket No.	M4065.0457/P457-B

FEE CALCULATION (continued)☐ Deposit Account:

04-1073

**Dickstein Shapiro Morin &
Oshinsky LLP**

The Director is authorized to: (check all that apply)

<input type="checkbox"/>	Charge fee(s) indicated below	<input checked="" type="checkbox"/>	Credit any overpayments
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☐ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

	Large Entity	Small Entity
1. Revenue Recognition	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.
2. Cost of Sales	Cost of sales is recognized when the revenue is recognized, and it is measured at the cost incurred to produce the goods or services.	Cost of sales is recognized when the revenue is recognized, and it is measured at the cost incurred to produce the goods or services.
3. Impairment of Financial Assets	Impairment of financial assets is recognized when there is a significant increase in the credit risk of the asset, and the impairment is measured at the difference between the carrying amount and the present value of the expected cash flows.	Impairment of financial assets is recognized when there is a significant increase in the credit risk of the asset, and the impairment is measured at the difference between the carrying amount and the present value of the expected cash flows.
4. Provisions and Contingent Liabilities	Provisions and contingent liabilities are recognized when there is a present obligation arising from a past event, and the obligation is measured at the best estimate of the amount required to settle the obligation.	Provisions and contingent liabilities are recognized when there is a present obligation arising from a past event, and the obligation is measured at the best estimate of the amount required to settle the obligation.
5. Share-based Payments	Share-based payments are recognized when the entity receives services from employees or directors, and the payment is measured at the fair value of the equity instrument issued.	Share-based payments are recognized when the entity receives services from employees or directors, and the payment is measured at the fair value of the equity instrument issued.
6. Financial Instruments	Financial instruments are recognized when the entity enters into a contract that gives rise to a financial asset or financial liability, and the instrument is measured at the fair value of the instrument.	Financial instruments are recognized when the entity enters into a contract that gives rise to a financial asset or financial liability, and the instrument is measured at the fair value of the instrument.
7. Income Tax	Income tax is recognized when the entity is liable to pay income tax, and the tax is measured at the best estimate of the amount required to settle the liability.	Income tax is recognized when the entity is liable to pay income tax, and the tax is measured at the best estimate of the amount required to settle the liability.
8. Other	Other items are recognized when they are required by the applicable accounting standards, and they are measured at the best estimate of the amount required to settle the liability.	Other items are recognized when they are required by the applicable accounting standards, and they are measured at the best estimate of the amount required to settle the liability.

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)	(\$)	0.00
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2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims	Fee from below	Fee Paid
Total Claims	43	-43** =	x	= 0.00
Independent Claims	13	-13** =	x	= 0.00
Multiple Dependent				=

Large Entity	Small Entity
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Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)	(\$)	0.00
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****or number previously paid, if greater; For Reissues, see above**

3. ADDITIONAL FEES

Large Entity	Small Entity
<p>1. Revenue Recognition</p> <p>Large entities use the percentage of completion method for long-term contracts, recognizing revenue as work progresses. Small entities often use the cost of sales method, recognizing revenue only when the contract is completed.</p>	<p>1. Revenue Recognition</p> <p>Small entities often use the cost of sales method for long-term contracts, recognizing revenue only when the contract is completed.</p>
<p>2. Inventory Valuation</p> <p>Large entities use the FIFO (First In, First Out) method for inventory valuation. Small entities may use the LIFO (Last In, First Out) method, which can provide a tax advantage in periods of rising prices.</p>	<p>2. Inventory Valuation</p> <p>Small entities may use the LIFO (Last In, First Out) method for inventory valuation, which can provide a tax advantage in periods of rising prices.</p>
<p>3. Depreciation</p> <p>Large entities use the MACRS (Modified Accelerated Cost Recovery System) for depreciation. Small entities may use the straight-line method, which spreads the cost of an asset evenly over its useful life.</p>	<p>3. Depreciation</p> <p>Small entities may use the straight-line method for depreciation, which spreads the cost of an asset evenly over its useful life.</p>
<p>4. Lease Accounting</p> <p>Large entities use the ASC 842 (Leases) standard, which requires the recognition of most leases on the balance sheet. Small entities may use the ASC 840 (Leases) standard, which allows for more flexibility in lease accounting.</p>	<p>4. Lease Accounting</p> <p>Small entities may use the ASC 840 (Leases) standard, which allows for more flexibility in lease accounting.</p>
<p>5. Goodwill Impairment</p> <p>Large entities use the ASC 350 (Intangible Assets) standard, which requires the recognition of goodwill impairment. Small entities may use the ASC 350 (Intangible Assets) standard, which allows for more flexibility in goodwill impairment testing.</p>	<p>5. Goodwill Impairment</p> <p>Small entities may use the ASC 350 (Intangible Assets) standard, which allows for more flexibility in goodwill impairment testing.</p>

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge – late filing fee or oath	
1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive – unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)	(\$)	180.00
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SUBMITTED BY

Name (Print/Type)	Thomas J. D'Amico
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Registration No.
(Attorney/Agent)

28.371

(Complete (if applicable))

Telephone	(202) 828-2232
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Signature

Date _____

July 16, 2004



Docket No.: M4065.0457/P457-
B
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Kristy A. Campbell

Application No.: 10/603,670

Confirmation No.: 3725

Filed: June 26, 2003

Art Unit: 2826

For: STOICHIOMETRY FOR
CHALCOGENIDE GLASSES USEFUL
FOR MEMORY DEVICES AND
METHOD OF FORMATION

Examiner: J. P. Mondt

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

A copy of each reference on the PTO/SB/08 is attached.

07/19/2004 SSANDARA 00000004 10603670

01 FC:1806

180.00 OP

1795711 v1; 12HKV011.DOC

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Please charge our Credit Card in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p). Credit Card Payment Form SB-2038, with a signature from an authorized cardholder, is enclosed. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1073, under Order No. M4065.0457/P457-B.

Dated: July 16, 2004

Respectfully submitted,

By 

Thomas J. D'Amico

Registration No.: 28,371

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PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/603,670
				Filing Date	June 26, 2003
				First Named Inventor	Kristy A. Campbell
				Art Unit	2826
				Examiner Name	J. P. Mondt
Sheet	1	of	3	Attorney Docket Number	M4065.0457/P457-B

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A	US 2004/0035401	2/2004	Ramachandran et al.	
	B	US 2003/0212724	11/2003	Ovshinsky et al.	
	C	US 2003/0048744	3/2003	Ovshinsky et al.	
	D	US 2003/0212725	11/2003	Ovshinsky et al.	
	E	US RE 37,259E	7/2001	Ovshinsky	
	F	US 3,271,591	9/1966	Ovshinsky	
	G	US 3,961,314	6/1976	Klose et al.	
	H	US 3,966,317	6/1976	Wacks et al.	
	I	US 3,983,542	11/1976	Ovshinsky	
	J	US 3,988,720	10/1976	Ovshinsky	
	K	US 4,177,474	12/1979	Ovshinsky	
	L	US 4,267,261	5/1981	Hallman et al.	
	M	US 4,597,162	7/1986	Johnson et al.	
	N	US 4,608,296	8/1986	Keem et al.	
	O	US 4,637,895	1/1987	Ovshinsky et al.	
	P	US 4,646,266	2/1987	Ovshinsky et al.	
	Q	US 4,664,939	5/1987	Ovshinsky	
	R	US 4,668,968	5/1987	Ovshinsky et al.	
	S	US 4,670,763	6/1987	Ovshinsky et al.	
	T	US 4,673,957	6/1987	Ovshinsky et al.	
	U	US 4,678,679	7/1987	Ovshinsky	
	V	US 4,696,758	9/1987	Ovshinsky et al.	
	W	US 4,698,234	10/1987	Ovshinsky et al.	
	X	US 4,710,899	12/1987	Young et al.	
	Y	US 4,728,406	3/1988	Banerjee et al.	
	Z	US 4,737,379	4/1988	Hudgens et al.	
	A1	US 4,766,471	8/1988	Ovshinsky et al.	
	B1	US 4,769,338	9/1988	Ovshinsky et al.	
	C1	US 4,775,425	10/1988	Guha et al.	
	D1	US 4,788,594	11/1988	Ovshinsky et al.	
	E1	US 4,809,044	2/1989	Pryor et al.	
	F1	US 4,818,717	4/1989	Johnson et al.	
	G1	US 4,843,443	6/1989	Ovshinsky et al.	
	H1	US 4,845,533	7/1989	Pryor et al.	
	I1	US 4,853,785	8/1989	Ovshinsky et al.	
	J1	US 4,891,330	1/1990	Guha et al.	
	K1	US 5,128,099	7/1992	Strand et al.	
	L1	US 5,159,661	10/1992	Ovshinsky et al.	
	M1	US 5,166,758	11/1992	Ovshinsky et al.	
	N1	US 5,177,567	1/1993	Klersy et al.	
	O1	US 5,296,716	3/1994	Ovshinsky et al.	
	P1	US 5,335,219	8/1994	Ovshinsky et al.	
	Q1	US 5,359,205	10/1994	Ovshinsky	
	R1	US 5,341,328	8/1994	Ovshinsky et al.	
	S1	US 5,406,509	4/1995	Ovshinsky et al.	



PTO/SB/08a/b (08-03)

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Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

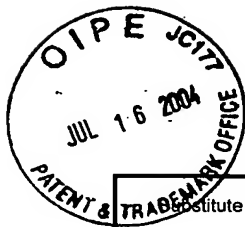
(Use as many sheets as necessary)

Complete if Known

Application Number	10/603,670
Filing Date	June 26, 2003
First Named Inventor	Kristy A. Campbell
Art Unit	2826
Examiner Name	J. P. Mondt
Attorney Docket Number	M4065.0457/P457-B

Sheet 2 of 3

T1	US 5,414,271	5/1995	Ovshinsky et al.
U1	US 5,534,711	7/1996	Ovshinsky et al.
V1	US 5,534,712	7/1996	Ovshinsky et al.
W1	US 5,536,947	7/1996	Klersy et al.
X1	US 5,543,737	8/1996	Ovshinsky
Y1	US 5,591,501	1/1997	Ovshinsky et al.
Z1	US 5,596,522	1/1997	Ovshinsky et al.
A2	US 5,687,112	11/1997	Ovshinsky
B2	US 5,694,054	12/1997	Ovshinsky et al.
C2	US 5,714,768	2/1998	Ovshinsky et al.
D2	US 5,825,046	10/1998	Czubatyj et al.
E2	US 5,912,839	6/1999	Ovshinsky et al.
F2	US 5,933,365	8/1999	Klersy et al.
G2	US 6,011,757	1/2000	Ovshinsky
H2	US 6,087,674	7/2000	Ovshinsky et al.
I2	US 6,141,241	10/2000	Ovshinsky et al.
J2	US 6,339,544	1/2002	Chiang et al.
K2	US 6,404,665	6/2002	Lowery et al.
L2	US 6,429,064	8/2002	Wicker
M2	US 6,437,383	8/2002	Xu
N2	US 6,462,984	10/2002	Xu et al.
O2	US 6,480,438	11/2002	Park
P2	US 6,487,113	11/2002	Park et al.
Q2	US 6,501,111	12/2002	Lowery
R2	US 6,507,061	1/2003	Hudgens et al.
S2	US 6,511,862	1/2003	Hudgens et al.
T2	US 6,511,867	1/2003	Lowery et al.
U2	US 6,512,241	1/2003	Lai
V2	US 6,514,805	2/2003	Xu et al.
W2	US 6,531,373	3/2003	Gill et al.
X2	US 6,534,781	3/2003	Dennison
Y2	US 6,545,287	4/2003	Chiang
Z2	US 6,545,907	4/2003	Lowery et al.
A3	US 6,555,860	4/2003	Lowery et al.
B3	US 6,563,164	5/2003	Lowery et al.
C3	US 6,566,700	5/2003	Xu
D3	US 6,567,293	5/2003	Lowery et al.
E3	US 6,569,705	5/2003	Chiang et al.
F3	US 6,570,784	5/2003	Lowery
G3	US 6,576,921	6/2003	Lowery
H3	US 6,586,761	7/2003	Lowery
I3	US 6,589,714	7/2003	Maimon et al.
J3	US 6,590,807	7/2003	Lowery
K3	US 6,593,176	7/2003	Dennison
L3	US 6,597,009	7/2003	Wicker
M3	US 6,605,527	8/2003	Dennison et al.
N3	US 6,613,604	9/2003	Maimon et al.
O3	US 6,621,095	9/2003	Chiang et al.
P3	US 6,625,054	9/2003	Lowery et al.
Q3	US 6,642,102	11/2003	Xu



PTO/SB/08a/b (08-03)

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Sheet	3	of	3		

	R3	US 6,646,297	11/2003	Dennison	
	S3	US 6,649,928	11/2003	Dennison	
	T3	US 6,667,900	12/2003	Lowery et al.	
	U3	US 6,671,710	12/2003	Ovshinsky et al.	
	V3	US 6,673,648	1/2004	Lowrey	
	W3	US 6,673,700	1/2004	Dennison et al.	
	X3	US 6,674,115	1/2004	Hudgens et al.	
	Y3	US 6,687,427	2/2004	Ramalingam et al.	
	Z3	US 6,690,026	2/2004	Peterson	
	A4	US 6,696,355	2/2004	Dennison	
	B4	US 6,687,153	2/2004	Lowery	
	C4	US 6,707,712	3/2004	Lowery	
	D4	US 6,714,954	3/2004	Ovshinsky et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.